EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S31	664	(417/12).CCLS.	USPAT; USOCR	OR	OFF	2008/10/06 08:46
S32	112	(417/14).CCLS.	USPAT; USOCR	OR	OFF	2008/10/06 08:46
S33	383	(417/18).CCLS.	USPAT; USOCR	OR	OFF	2008/10/06 08:46
S34	348	(417/32).CCLS.	USPAT; USOCR	OR	OFF	2008/10/06 08:46
S35	1371	(417/53).CCLS.	USPAT; USOCR	OR	OFF	2008/10/06 08:46
S36	2118	(S31 or S32 or S33 or S34 or S35)	US-PGPUB; USPAT	OR	ON	2008/10/06 08:46
S37	129	S36 and ((dry or vacuum) adj pump)	US-PGPUB; USPAT	OR	ON	2008/10/06 08:48
S38	145	S36 and ((dry or vacuum) adj pump $3)	US-PGPUB; USPAT	OR	ON	2008/10/06 09:37
S39	16	S38 not S37	US-PGPUB; USPAT	OR	ON	2008/10/06 09:37
S43	6	S36 and pump and ((shutdown or shutoff) adj (sequence or control or method))	US-PGPUB; USPAT	OR	ON	2008/10/06 09:53
S44	358	S36 and (clean$3 or purg$3 or declog$3 or rid or ridding or clog)	US-PGPUB; USPAT	OR	ON	2008/10/06 09:57
S45	304	S44 not S37 not S38 not S39	US-PGPUB; USPAT	OR	ON	2008/10/06 09:58
S46	3913	((118/715) or (118/50)).CCLS.	USPAT; USOCR	OR	OFF	2008/10/06 10:30
S49	904	S46 and ((dry or vacuum) adj pump)	US-PGPUB; USPAT	OR	ON	2008/10/06 10:37
S50	545	S46 and ((dry or vacuum) adj pump) and (clean$3 or purg $3 or unclog$3)	US-PGPUB; USPAT	OR	ON	2008/10/06 10:37
S51	664	(417/12).CCLS.	USPAT; USOCR	OR	OFF	2008/10/06 12:42

S52	112	(417/14).CCLS.	USPAT; USOCR	OR	OFF	2008/10/06 12:42
S53	383	(417/18).CCLS.	USPAT; USOCR	OR	OFF	2008/10/06 12:42
S54	348	(417/32).CCLS.	USPAT; USOCR	OR	OFF	2008/10/06 12:42
S55	1371	(417/53).CCLS.	USPAT; USOCR	OR	OFF	2008/10/06 12:42
S56	2118	(S51 or S52 or S53 or S54 or S55)	US-PGPUB; USPAT	OR	ON	2008/10/06 12:42
S57	3913	((118/715) or (118/50)).CCLS.	USPAT; USOCR	OR	OFF	2008/10/06 12:42
S58	5402	S56 or S57	US-PGPUB; USPAT	OR	ON	2008/10/06 12:42
S59	433	S58 and (blockage or buildup or build-up)	US-PGPUB; USPAT	OR	ON	2008/10/06 12:42
S60	1372	(417/53).CCLS.	USPAT; USOCR	OR	OFF	2008/10/07 09:12
S61	104	S60 and ((vacuum or dry or turbomolecular or cryogenic) adj pump)	US-PGPUB; USPAT	OR	ON	2008/10/07 09:12
S62	3917	((118/715) or (118/50)).CCLS.	USPAT; USOCR	OR	OFF	2008/10/07 10:08
S63	5	S62 and ((pump same (shutdown or shutoff with (method or sequence or control $3))))	US-PGPUB; USPAT	OR	ON	2008/10/07 10:08
S64	0	S62 and ((compressor same (shutdown or shutoff with (method or sequence or control $3))))	US-PGPUB; USPAT	OR	ON	2008/10/07 10:10
S65	0	S62 and (pump same (restart or re-start or reset or cycle) with (shutdown or shutoff or shut-off or shut-down))	US-PGPUB; USPAT	OR	ON	2008/10/07 10:12
S66	4	S62 and (pump same (restart or re-start or reset or cycle) same (shutdown or shutoff or shut-off or shut-down))	US-PGPUB; USPAT	OR	ON	2008/10/07 10:13

S70	1124	pump same ((reduc $3 or eliminat$3 or clean$3 or remov$3 or purg$3 or clear$3) adj dust)	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/07 10:44
S71	153	((vacuum or dry) adj pump) same ((reduc $3 or eliminat$3 or clean$3 or remov$3 or purg$3 or clear$3) adj dust)	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/07 10:45
S72	29	pump same ((reduc $3 or eliminat$3 or clean$3 or remov$3 or purg$3 or clear$3) adj dust) same (shutdown or shutoff or shut-down or shut-off or restart or (turn adj off))	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/07 11:45
S75	10934	(118/715-733).CCLS.	USPAT; USOCR	OR	OFF	2008/10/07 12:27
S76	9	S75 and ((pump same (shutdown or shutoff with (method or sequence or control $3))))	US-PGPUB; USPAT	OR	ON	2008/10/07 12:27
S77	0	S75 and (pump same (restart or re-start or reset or cycle) with (shutdown or shutoff or shut-off or shut-down))	US-PGPUB; USPAT	OR	ON	2008/10/07 12:27
S78	251	S75 and ((vacuum adj pump) same clean $3)	US-PGPUB; USPAT	OR	ON	2008/10/07 12:31
S79	250	S78 not S71	US-PGPUB; USPAT	OR	ON	2008/10/07 12:32
S80	3917	((118/715) or (118/50)).CCLS.	USPAT; USOCR	OR	OFF	2008/10/07 12:33
S81	546	S80 and ((dry or vacuum) adj pump) and (clean$3 or purg $3 or unclog$3)	US-PGPUB; USPAT	OR	ON	2008/10/07 12:33
S82	664	(417/12).CCLS.	USPAT; USOCR	OR	OFF	2008/10/07 12:33
S83	112	(417/14).CCLS.	USPAT; USOCR	OR	OFF	2008/10/07 12:33

S84	383	(417/18).CCLS.	USPAT; USOCR	OR	OFF	2008/10/07 12:33
S85	348	(417/32).CCLS.	USPAT; USOCR	OR	OFF	2008/10/07 12:33
S86	1372	(417/53).CCLS.	USPAT; USOCR	OR	OFF	2008/10/07 12:33
S87	2119	(S82 or S83 or S84 or S85 or S86)	US-PGPUB; USPAT	OR	ON	2008/10/07 12:33
S88	5407	S87 or S62	US-PGPUB; USPAT	OR	ON	2008/10/07 12:33
S89	435	S88 and (blockage or buildup or build-up)	US-PGPUB; USPAT	OR	ON	2008/10/07 12:33
S90	149	S75 and ((vacuum adj pump) same clean $3) not S81 not S89	US-PGPUB; USPAT	OR	ON	2008/10/07 12:33
S91	1488	S75 and ((dry or vacuum) adj pump) and (clean$3 or purg $3 or unclog$3)	US-PGPUB; USPAT	OR	ON	2008/10/07 12:58
S92	529	S75 and ((dry or vacuum) adj pump) and (purg$3 or unclog $3)	US-PGPUB; USPAT	OR	ON	2008/10/07 12:58
S93	443	S92 not S78 not S90	US-PGPUB; USPAT	OR	ON	2008/10/07 12:59
S94	194	S75 and ((dry or vacuum) adj pump) same (purg$3 or unclog$3)	US-PGPUB; USPAT	OR	ON	2008/10/07 13:08
S95	153	S94 not S78 not S90	US-PGPUB; USPAT	OR	ON	2008/10/07 13:08
S96	0	S75 and ((reduc$3 or eliminat$3 or clean$3 or remov$3 or purg$3 or clear$3) adj dust) same (shutdown or shutoff or shut-down or shut-off or restart or (turn adj off))	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/07 13:35
S97	3	S75 and ((vacuum or dry) adj pump) same ((reduc$3 or eliminat $3 or clean$3 or remov$3 or purg$3 or clear$3) adj dust)	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/07 13:35
S98	244	(156/345.29).CCLS.	USPAT; USOCR	OR	OFF	2008/10/07 13:37

S102	14589	((156/345.29) or (156/345.1-345.54) or (118/715-733) or (417/53)).CCLS.	USPAT; USOCR	OR	OFF	2008/10/14 09:32
S105	2	S102 and ((restart or re-start or startup or start-up or start) adj failure)	US-PGPUB; USPAT	OR	ON	2008/10/14 09:34
S106	664	(417/12).CCLS.	USPAT; USOCR	OR	OFF	2008/10/14 09:40
S107	112	(417/14).CCLS.	USPAT; USOCR	OR	OFF	2008/10/14 09:40
S108	383	(417/18).CCLS.	USPAT; USOCR	OR	OFF	2008/10/14 09:40
S109	348	(417/32).CCLS.	USPAT; USOCR	OR	OFF	2008/10/14 09:40
S110	1372	(417/53).CCLS.	USPAT; USOCR	OR	OFF	2008/10/14 09:40
S111	2119	(S106 or S107 or S108 or S109 or S110)	US-PGPUB; USPAT	OR	ON	2008/10/14 09:40
S113	3	S111 and ((restart or re-start or startup or start-up or start) adj failure)	US-PGPUB; USPAT	OR	ON	2008/10/14 09:40
S115	3	S102 and (pump with (seize or seizing))	US-PGPUB; USPAT	OR	ON	2008/10/14 09:42
S116	641	S102 and (pump same (restart or re-start or reset or cycle))	US-PGPUB; USPAT	OR	ON	2008/10/14 09:45
S117	437	S102 and (pump with (restart or re-start or reset or cycle))	US-PGPUB; USPAT	OR	ON	2008/10/14 09:45
S118	11	S102 and (pump with (restart or re-start or reset or cycle)) with temperature	US-PGPUB; USPAT	OR	ON	2008/10/14 09:45
S119	8	("0590626" | "1840834" | "2856842" | "4142840").PN. OR ("4300870").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/14 09:48
S120	0	(prevent$3 adj pump adj deposit)	US-PGPUB; USPAT	OR	ON	2008/10/14 09:53

S121	0	(prevent$3 adj pump adj buildup)	US-PGPUB; USPAT	OR		ON	2008/10/14 09:53
S122	0	(prevent$3 adj pump adj build$up)	US-PGPUB; USPAT	OR		ON	2008/10/14 09:53
S123	7	(prevent$3 with pump adj deposit)	US-PGPUB; USPAT	OR		ON	2008/10/14 09:53
S125	116	((dry or vacuum or turbo$molecular or molecular) adj pump) with (clean$3 or purg $3 or clear$3) same (blockage or buildup or failure or compaction)	US-PGPUB; USPAT; USOCR	OR		ON	2008/10/14 09:58
S127	137	((dry or vacuum or turbo$molecular or molecular) adj pump) with (clean$3 or purg $3 or clear$3) same (clog or blockage or buildup or failure or compaction)	US-PGPUB; USPAT; USOCR	OR		ON	2008/10/14 09:59
S128	21	S127 not S125	US-PGPUB; USPAT; USOCR	OR		ON	2008/10/14 09:59
S130	955	((dry or vacuum or turbo$molecular or molecular) adj pump) same (clog or blockage or buildup or compaction)	US-PGPUB; USPAT; USOCR	OR		ON	2008/10/14 10:09
S131	663	((dry or vacuum or turbo$molecular or molecular) adj pump) same (clog or blockage or buildup or compaction)	US-PGPUB; USPAT	OR		ON	2008/10/14 10:45
S132	3844	(pump adj cycl$3)	US-PGPUB; USPAT	OR		ON	2008/10/14 11:18
S133	277	(pump adj cycl$3) with (temperature)	US-PGPUB; USPAT	OR		ON	2008/10/14 11:18
S134	3	(pump adj restart) with (temperature)	US-PGPUB; USPAT	OR		ON	2008/10/14 11:25
S135	6	(pump with restart) with (temperature adj sensor)	US-PGPUB; USPAT	OR		ON	2008/10/14 11:31

S136	27	(pump with restart) same (temperature adj sensor)	US-PGPUB; USPAT	OR	ON	2008/10/14 11:32
S138	5	(pump with overheat with shutdown)	US-PGPUB; USPAT	OR	ON	2008/10/14 12:13
S139	514	(pump with overheat)	US-PGPUB; USPAT	OR	ON	2008/10/14 12:13
S140	5	(pump with overheat) same restart	US-PGPUB; USPAT	OR	ON	2008/10/14 12:14
S143	34	((vacuum or dry) adj pump) and (restart with failure)	US-PGPUB; USPAT	OR	ON	2008/10/14 12:20
S144	8	monitor$3 adj (pump adj temperature)	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/15 10:53
S145	34	(pump adj temperature) same (shut$down or shut $off)	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/15 10:55
S146	292	(purg$3 or empty$3) with pump with (cessation or shut $down or shut$off or restart)	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/15 11:02
S147	227	(purg$3 or empty$3) with pump with (cessation or shut $down or shut$off or restart)	US-PGPUB; USPAT	OR	ON	2008/10/15 11:02

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